

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/581,295

Source: IFwg

Date Processed by STIC: 12/12/06

# ENTERED



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,295

DATE: 12/12/2006

TIME: 10:32:37

Input Set : A:\33199101.APP  
 Output Set: N:\CRF4\12122006\J581295.raw

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3 <110> APPLICANT: THE UNIVERSITY OF TEXAS
4     PAUL, SUDHIR
6 <120> TITLE OF INVENTION: LUPUS ANTIBODIES FOR PASSIVE IMMUNOTHERAPY OF HIV/AIDS
8 <130> FILE REFERENCE: 330199.00101
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/581,295
C--> 11 <141> CURRENT FILING DATE: 2006-06-01
13 <150> PRIOR APPLICATION NUMBER: 60/457,570
14 <151> PRIOR FILING DATE: 2003-03-27
16 <160> NUMBER OF SEQ ID NOS: 66
18 <170> SOFTWARE: PatentIn Ver. 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 48
22 <212> TYPE: DNA
23 <213> ORGANISM: Human immunodeficiency virus type 1
25 <400> SEQUENCE: 1
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35 ggcatacatt gctttccta cttcctgccca catgtttata atttgttt          48
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40 <212> TYPE: DNA
41 <213> ORGANISM: Human immunodeficiency virus type 1
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48 <211> LENGTH: 48
49 <212> TYPE: DNA
50 <213> ORGANISM: Human immunodeficiency virus type 1
52 <400> SEQUENCE: 4
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56 <210> SEQ ID NO: 5
57 <211> LENGTH: 16
58 <212> TYPE: PRT
59 <213> ORGANISM: Human immunodeficiency virus type 1
61 <400> SEQUENCE: 5
62 Lys Gln Ile Ile Asn Met Trp Gln Glu Val Gly Lys Ala Met Tyr Ala
63      1           5           10           15
66 <210> SEQ ID NO: 6
67 <211> LENGTH: 16

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Input Set : A:\33199101.APP  
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68 <212> TYPE: PRT  
69 <213> ORGANISM: Artificial Sequence  
71 <220> FEATURE:  
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker peptide  
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75 Ser Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Ser Ala  
76 1 5 10 15  
79 <210> SEQ ID NO: 7  
80 <211> LENGTH: 56  
81 <212> TYPE: DNA  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
87 <400> SEQUENCE: 7  
88 gtccctcgcaa ctgcggccca gccggccatg gccgacatcc agatgaccga gtctcc 56  
91 <210> SEQ ID NO: 8  
92 <211> LENGTH: 56  
93 <212> TYPE: DNA  
94 <213> ORGANISM: Artificial Sequence  
96 <220> FEATURE:  
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
99 <400> SEQUENCE: 8  
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104 <211> LENGTH: 56  
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108 <220> FEATURE:  
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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112 gtccctcgcaa ctgcggccca gccggccatg gccgaaattt tgttgacgca gtctcc 56  
115 <210> SEQ ID NO: 10  
116 <211> LENGTH: 56  
117 <212> TYPE: DNA  
118 <213> ORGANISM: Artificial Sequence  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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127 <210> SEQ ID NO: 11  
128 <211> LENGTH: 56  
129 <212> TYPE: DNA  
130 <213> ORGANISM: Artificial Sequence  
132 <220> FEATURE:  
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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136 gtccctcgcaa ctgcggccca gccggccatg gccgaaacga cactcacgca gtctcc 56  
139 <210> SEQ ID NO: 12  
140 <211> LENGTH: 56

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Input Set : A:\33199101.APP  
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145 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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152 <211> LENGTH: 39  
153 <212> TYPE: DNA  
154 <213> ORGANISM: Artificial Sequence  
156 <220> FEATURE:  
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159 <400> SEQUENCE: 13  
160 ccatcctgctgccc gcccacact ctccccctgtt gaagctttt 39  
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165 <212> TYPE: DNA  
166 <213> ORGANISM: Artificial Sequence  
168 <220> FEATURE:  
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177 <212> TYPE: DNA  
178 <213> ORGANISM: Artificial Sequence  
180 <220> FEATURE:  
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
183 <400> SEQUENCE: 15  
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187 <210> SEQ ID NO: 16  
188 <211> LENGTH: 48  
189 <212> TYPE: DNA  
190 <213> ORGANISM: Artificial Sequence  
192 <220> FEATURE:  
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199 <210> SEQ ID NO: 17  
200 <211> LENGTH: 48  
201 <212> TYPE: DNA  
202 <213> ORGANISM: Artificial Sequence  
204 <220> FEATURE:  
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212 <211> LENGTH: 48  
213 <212> TYPE: DNA

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Input Set : A:\33199101.APP  
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217 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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223 <210> SEQ ID NO: 19  
224 <211> LENGTH: 56  
225 <212> TYPE: DNA  
226 <213> ORGANISM: Artificial Sequence  
228 <220> FEATURE:  
229 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
231 <400> SEQUENCE: 19  
232 gtcctcgcaa ctgcggccca gccggccatg gcccagtctg tgttgacgca gccgcc 56  
235 <210> SEQ ID NO: 20  
236 <211> LENGTH: 56  
237 <212> TYPE: DNA  
238 <213> ORGANISM: Artificial Sequence  
240 <220> FEATURE:  
241 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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247 <210> SEQ ID NO: 21  
248 <211> LENGTH: 56  
249 <212> TYPE: DNA  
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253 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
255 <400> SEQUENCE: 21  
256 gtcctcgcaa ctgcggccca gccggccatg gcctcctatg tgctgactca gccacc 56  
259 <210> SEQ ID NO: 22  
260 <211> LENGTH: 56  
261 <212> TYPE: DNA  
262 <213> ORGANISM: Artificial Sequence  
264 <220> FEATURE:  
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
267 <400> SEQUENCE: 22  
268 gtcctcgcaa ctgcggccca gccggccatg gcctcttctg agctgactca ggaccc 56  
271 <210> SEQ ID NO: 23  
272 <211> LENGTH: 56  
273 <212> TYPE: DNA  
274 <213> ORGANISM: Artificial Sequence  
276 <220> FEATURE:  
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
279 <400> SEQUENCE: 23  
280 gtcctcgcaa ctgcggccca gccggccatg gcccacgtta tactgactca accgcc 56  
283 <210> SEQ ID NO: 24  
284 <211> LENGTH: 56  
285 <212> TYPE: DNA  
286 <213> ORGANISM: Artificial Sequence

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Input Set : A:\33199101.APP  
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288 <220> FEATURE:  
289 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
291 <400> SEQUENCE: 24  
292 gtcctcgcaa ctgcggccca gccggccatg gccaggctg tgctcactca gccgtc 56  
295 <210> SEQ ID NO: 25  
296 <211> LENGTH: 56  
297 <212> TYPE: DNA  
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300 <220> FEATURE:  
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304 gtcctcgcaa ctgcggccca gccggccatg gc当地attta tgctgactca gcccc 56  
307 <210> SEQ ID NO: 26  
308 <211> LENGTH: 48  
309 <212> TYPE: DNA  
310 <213> ORGANISM: Artificial Sequence  
312 <220> FEATURE:  
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315 <400> SEQUENCE: 26  
316 gc当地gaaccg cctccaccac tc当地gagcctag gacggtgacc ttggccc 48  
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322 <213> ORGANISM: Artificial Sequence  
324 <220> FEATURE:  
325 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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331 <210> SEQ ID NO: 28  
332 <211> LENGTH: 48  
333 <212> TYPE: DNA  
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336 <220> FEATURE:  
337 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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343 <210> SEQ ID NO: 29  
344 <211> LENGTH: 27  
345 <212> TYPE: DNA  
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348 <220> FEATURE:  
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355 <210> SEQ ID NO: 30  
356 <211> LENGTH: 41  
357 <212> TYPE: DNA  
358 <213> ORGANISM: Artificial Sequence  
360 <220> FEATURE:

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/581,295

DATE: 12/12/2006

TIME: 10:32:38

Input Set : A:\33199101.APP

Output Set: N:\CRF4\12122006\J581295.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date